

Date of Deposit: October 19, 2001

INFORMATION DISCLOSURE STATEMENT  BY APPLICANT	Docket: 4239-61302	App: Not Yet Assigned 10/01/372
	Applicant: Wolfrain and Letterio	
	Filed: Herewith 19 October 2001	Art Unit: Not Yet Assigned 1647

U.S. PTO  
10/01/372  
10/19/01

## U.S. PATENT DOCUMENTS

Init.*	Number	Date	Name	Class	Sub	Filed
CD	4,703,004	October 27, 1987	Hopp, <i>et al.</i>			
CD	4,851,341	July 25, 1989	Hopp, <i>et al.</i>			
CD	4,886,747	December 12, 1989	Derynck, <i>et al.</i>			
CD	5,571,714	November 5, 1996	Dasch, <i>et al.</i>			
CD	5,800,811	November 1, 1998	Hall, <i>et al.</i>			
CD	5,914,254	June 22, 1999	Mascarenhas, <i>et al.</i>			
CD	5,968,780	October 19, 1999	Fan, <i>et al.</i>			
CD	5,981,177	November 9, 1999	Demirjian, <i>et al.</i>			
CD	5,994,104	November 30, 1999	Anderson, <i>et al.</i>			
CD	6,037,145	March 14, 2000	Yabuta, <i>et al.</i>			

## FOREIGN PATENT DOCUMENTS

	Number	Date	Country	Class	Sub	
CD	PCT/US96/08973	December 12, 1996	WIPO ✓			
CD	PCT/US99/14981	January 13, 2000	WIPO			

EXAMINER:

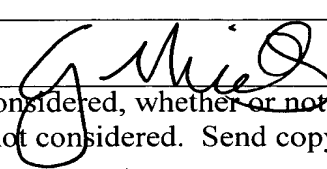
DATE

G. Meile

6/1/2003

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<b>INFORMATION DISCLOSURE STATEMENT</b>  <b>BY APPLICANT</b>		Docket: 4239-61302	App: Not Yet Assigned 10/6/2001
		Applicant: Wolfrain and Letterio	
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<b>OTHER DOCUMENTS</b>			
SC			Bentz, <i>et al.</i> , "Improved local delivery of TGF- $\beta$ 2 by binding to injectable fibrillar collagen via difunctional polyethylene glycol", <i>J. Biomed. Mater. Res.</i> , 539-548, 1998
SC			Böttinger, <i>et al.</i> , "The recombinant proregion of transforming growth factor $\beta$ 1 (Latency-associated peptide) inhibits active transforming growth factor $\beta$ 1 in transgenic mice," <i>Proc. Natl. Acad.</i> , 93:5877-5882, June 1996
SC			Byrd, <i>et al.</i> , "Mechanisms for high-affinity mannose 6-phosphate ligand binding to the insulin-like growth factor II/mannose 6-phosphate receptor: negative cooperativity and receptor oligomerization," <i>J. Biol. Chem.</i> , 1:1-2, April 2000
SC			<del>Caltabiano, <i>et al.</i>, "Transient production and secretion of human transforming growth factor TGF beta 2", <i>Gene</i>, 85 (2):479-88, 1989 (ABSTRACT ONLY)</del>
SC			Chen and Wahl, "Manipulation of TGF- $\beta$ to control autoimmune and chronic inflammatory disease", <i>Microbes and Infection</i> , 1:1367-1380, 1999
SC			Dubois, <i>et al.</i> , "Processing of Transforming Growth Factor $\beta$ 1 Precursor by Human Furin Convertase, <i>JBC Online</i> , 270 (18):10618-10624, 1995
SC			<del>Gentry, <i>et al.</i>, "Type 1 transforming growth factor beta: amplified expression and secretion of mature and precursor polypeptides in Chinese hamster ovary cells", <i>Mol. Cell. Biol.</i>, 7(10):3418-2427, 1987 (ABSTRACT ONLY)</del>
SC			Gray and Mason, "Requirement for Activin A and Transforming Growth Factor- $\beta$ 1 Pro-Regions in Homodimer Assembly", <i>Science</i> , 247:1328-1330, March 1990
SC			Han, <i>et al.</i> , "Refolding of a Recombinant Collagen-Targeted TGF- $\beta$ 2 Fusion Protein Expressed in <i>Escherichia coli</i> ", <i>Prot. Exp. and Purif.</i> , 11:169-178, 1997
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		6/2/2003	
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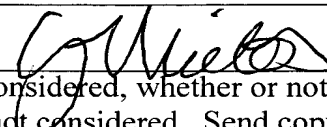
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			Filed: Herewith 19 October 2001	Art Unit: Not Yet Assigned 10/17
CSU	—	—	<del>Hemis, et al., "The types II and III transforming growth factor beta receptors form homo-oligomers", <i>J. Cell. Bio.</i>, 126(1):139-154, July 1994 (ABSTRACT ONLY)</del>	
CSU	—	—	<del>Hernan, et al., "Multiple epitope tagging of expressed proteins for enhanced detection", <i>Biotechniques</i>, 28(4):789-793, April 2000 (ABSTRACT ONLY)</del>	
CSU	—	—	<del>Hinck, et al., "Transforming growth factor beta 1: three dimensional structure in solution and comparison with the X ray structure of transforming growth factor beta 2", <i>Biochemistry</i>, 35(26):8517-8534, July 1996 (abstract only)</del>	
CSU	—	—	Huang, et al. "An Active Site of Transforming Growth Factor- $\beta_1$ for Growth Inhibition and Stimulation", <i>J. Biol. Chem.</i> , 274(39):27754-27758, September 1999	
CSU	—	—	Khalil, "TGF- $\beta$ : from latent to active", <i>Microbes and Infection</i> , 1:1255-1263, 1999	
CSU	—	—	Kingsley, "The TGF- $\beta$ superfamily: new members, new receptors, and new genetic tests of function in different organisms", <i>Genes &amp; Development</i> , 8:133-146, 1994	
CSU	—	—	<del>Knappik and Plueckhenn, "An improved affinity tag based in the FLAG peptide for the detection and purification of recombinant antibody fragments", <i>Biotechniques</i>, 17(4):754-761, October 1994 (ABSTRACT ONLY)</del>	
CSU	—	—	Madisen, et al., "Expression and Characterization of Recombinant TGF- $\beta_2$ Proteins Produced in Mammalian Cells", <i>DNA</i> , 8 (3):205-212, 1989	
CSU	—	—	Matthews, et al., "A sequential dimerization mechanism for erythropoietin receptor activation", <i>Proc. Natl. Acad. Sci. USA</i> , 93:9471-9476, September 1996	
EXAMINER: <i>G. Miller</i>			DATE 6/11/2003	
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	—	—	Mehta, <i>et al.</i> , "Soluble Monomeric P-Selectin Containing Only the Lectin and Epidermal Growth Factor Domains Binds to P-Selectin Glycoprotein Ligand-1 on Leukocytes", <i>Blood</i> , 90 (6):2381-2389, September 1997		
	—	—	Möller, <i>et al.</i> , "Subcellular Localization of Epitope-Tagged Neurotrophins in Neuroendocrine Cells", <i>J. Neuro. Res.</i> , 51:463-472, 1998		
	—	—	Oda, <i>et al. al.</i> , "A General Method for Rapid Purification of Soluble Versions of Glycosylphosphatidylinositol-Anchored Proteins Expressed in Insect Cells: An Application for Human Tissue-Nonspecific Alkaline Phosphatase", <i>J. Biochem.</i> , 126:694-699, 1999		
	—	—	Pfaffinger and De Rubeis, "Shaker K <sup>+</sup> Channel T1 Domain Self-tetramerizes to a Stable Structure", <i>J. Biol. Chem.</i> , 270 (48):28595-28600, September 1995		
	—	—	Qian, <i>et al.</i> , "Binding Affinity of Transforming Growth Factor- $\beta$ for Its Type II Receptor Is Determined by the Column-terminal Region of the Molecule", <i>J. Biol. Chem.</i> , 271 (48):30656-30662, 1996		
	—	—	Reichel, <i>et al.</i> , "Epitope-tagged insulin-like growth factor-I expression in muscle", <i>Dom. Anim. Endocrin.</i> , 18:337-348, 2000		
	—	—	Reiss, "TGF- $\beta$ and cancer", <i>Microbes and Infection</i> , 1:1327-1347, 1999		
	—	—	Sporn, "TGF- $\beta$ : 20 years and counting", <i>Microbes and Infection</i> , 1:1251-1253, 1999		
	—	—	Tio and Moses., "The Drosophila TGF $\alpha$ homolog Spitz acts in photoreceptor recruitment in the developing retina", <i>Development</i> , 124:343-351, 1997		
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			Filed: <del>Herewith</del> 19 October 2001	Art Unit: <del>Not Assigned</del> 1047	
	<input type="checkbox"/>	<input type="checkbox"/>	Tuan, <i>et al.</i> , "Engineering, Expression and Renaturation of Targeted TGF-Beta Fusion Proteins", <i>Conn. Tis. Res.</i> , 34 (1):1-9, 1996		
	<input type="checkbox"/>	<input type="checkbox"/>	Vornlocher, <i>et al.</i> , "A 110-Kilodalton Subunit of Translation Initiation Factor eIF3 and an Associated 135-kilodalton Protein Are Encoded by the <i>Saccharomyces cerevisiae</i> TIF32 and TIF31 Genes", <i>J. Biol. Chem.</i> , 274 (24):16802-16812, 1999		
	<input type="checkbox"/>	<input type="checkbox"/>	Wahl, "Introduction", <i>Microbes and Infection</i> , 1:1247-1249, 1999		
	<input type="checkbox"/>	<input type="checkbox"/>	Wakefield, <i>et al.</i> , "Addition of a C-Terminal Extension Sequence to Transforming Growth Factor $\beta$ 1 Interferes with Biosynthetic Processing and Abolishes Biological Activity", <i>Growth Factors</i> , 5:243-253, 1991		
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